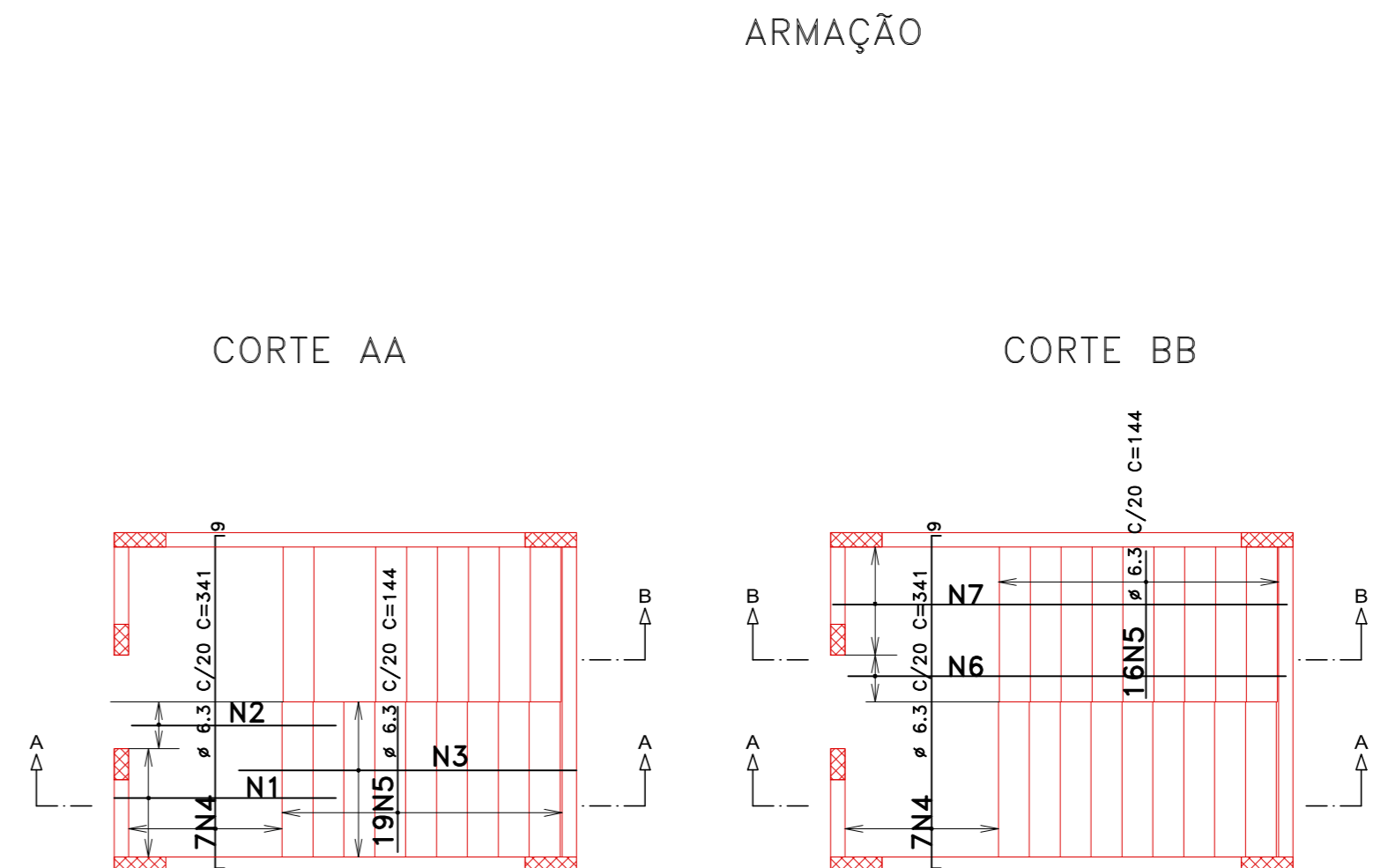
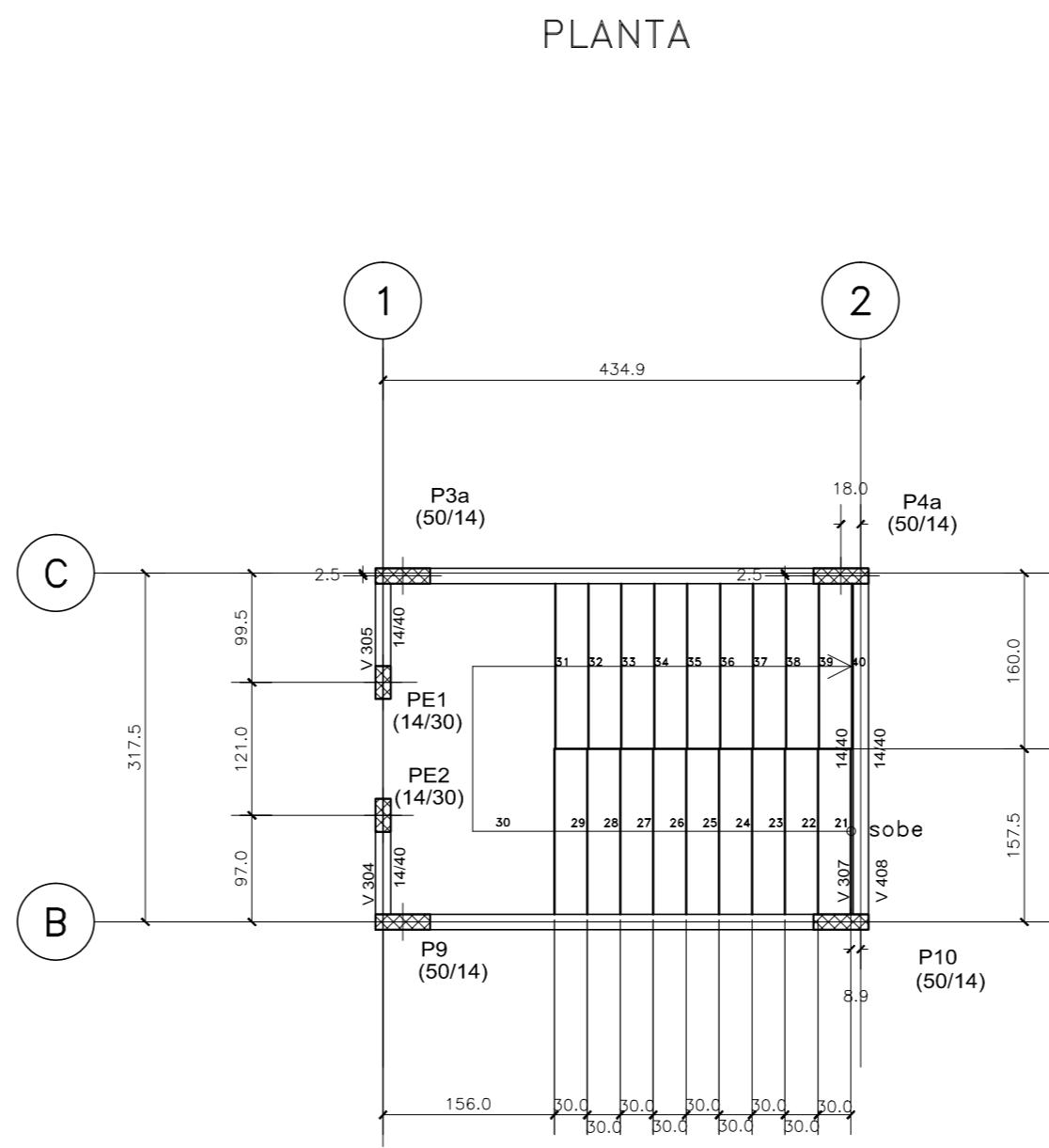


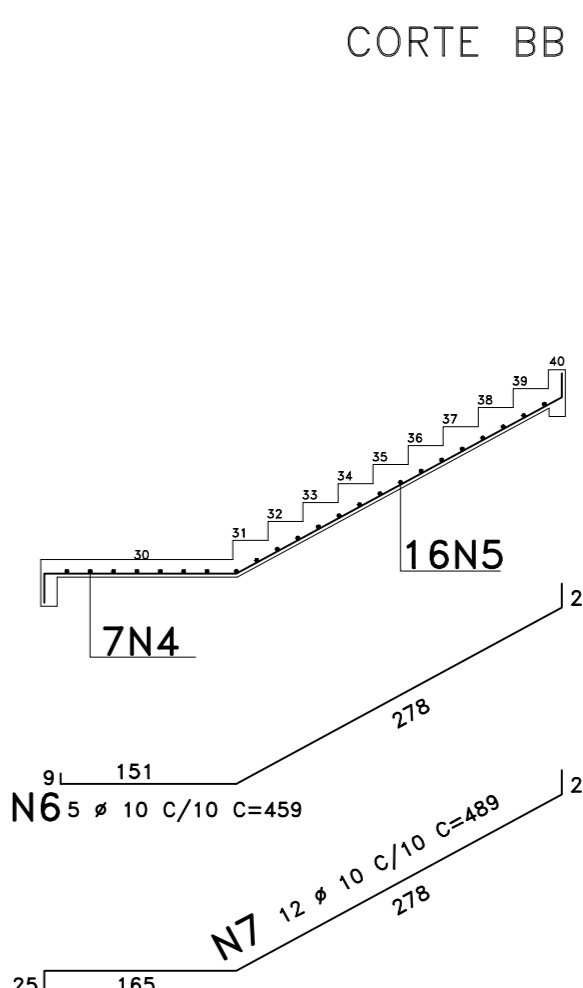
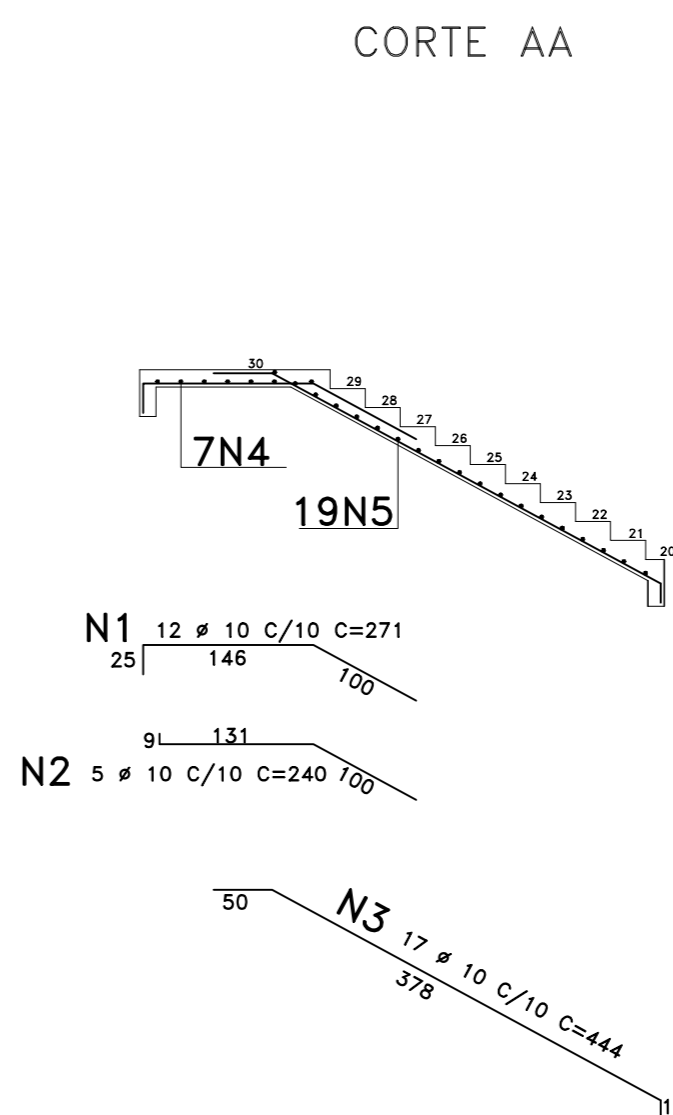
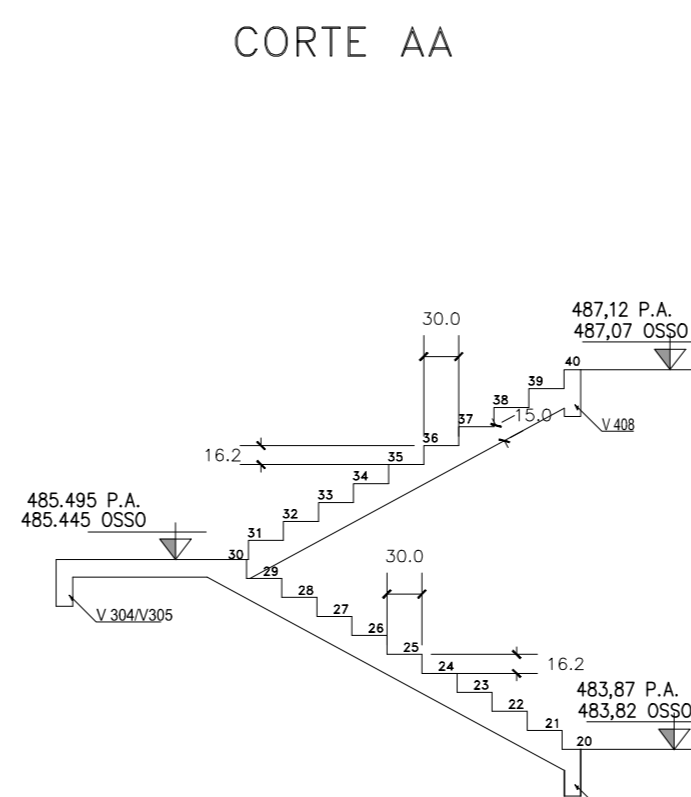
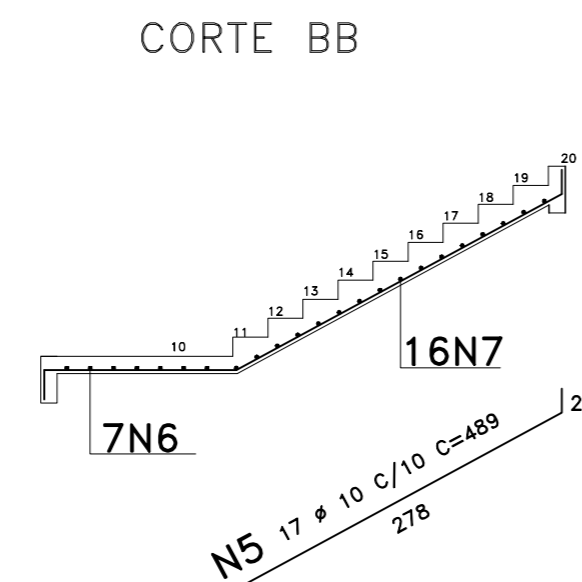
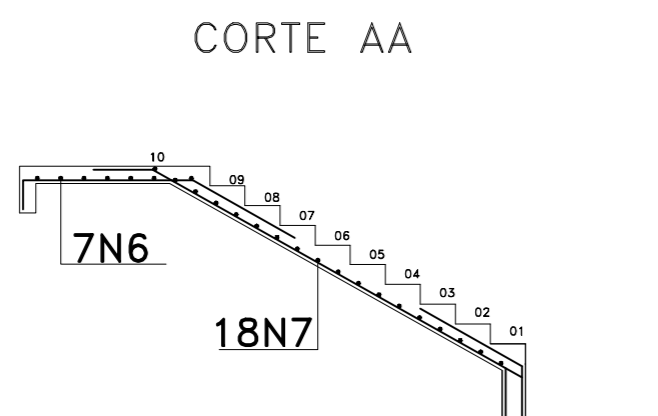
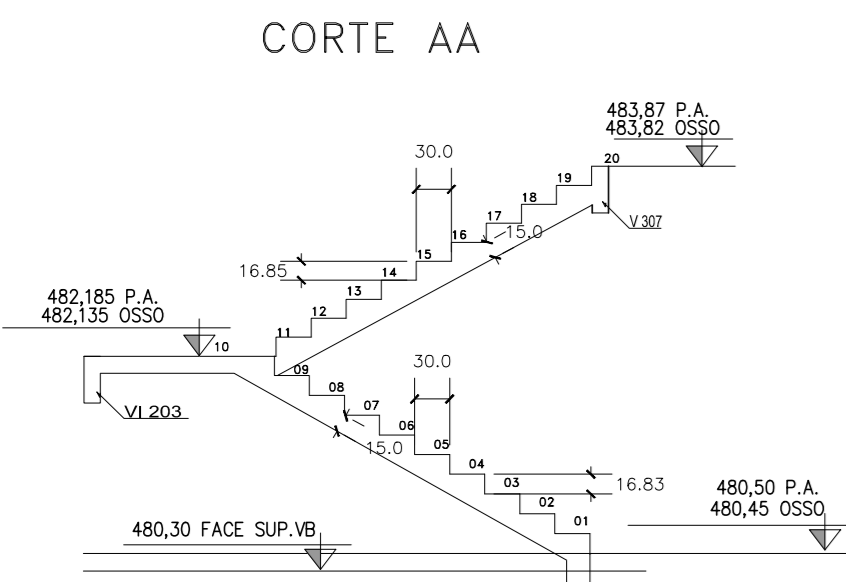
QUADRO DE FERROS				
N	#	Ø	COMPRIMENTOS (CM)	
			UNITÁRIO	TOTAL
1	10	17	190	3330
2	10	17	144	2448
3	10	17	412	2004
4	10	17	271	1407
5	10	17	489	8313
6	6.3	7	291	2037
7	6.3	34	144	4896

RESUMO DE BARRAS CASO-CASO				
#	COMP.	PESO	PESO	
(cm)	(m)	(kg)	(kg+10%)	
6.3	69.33	17.33	20.00	
10.0	256.02	161.29	178.00	
TOTAL		178.62	198.00	



QUADRO DE FERROS				
N	#	Ø	COMPRIMENTOS (CM)	
			UNITÁRIO	TOTAL
1	10	12	271	3253
2	10	5	240	1200
3	10	17	444	7348
4	6.3	7	341	2347
5	6.3	35	144	5540
6	10	5	459	2295
7	10	12	489	5868

RESUMO DE BARRAS CASO-CASO				
#	COMP.	PESO	PESO	
(cm)	(m)	(kg)	(kg+10%)	
6.3	74.37	16.56	21.00	
10.0	201.63	127.02	140.00	
TOTAL		143.58	161.00	



PARA fck=25MPa  
fy=335MPa  
Ecs=21.800MPa  
Esl=21.800MPa  
Esl=21.800MPa

NOTAS TÉCNICAS:

- CONCRETO fck = 25MPa
- CONFERIR AS MEDIDAS NA OBRA
- LASTRO DE CONCRETO MAGRO NAS PEÇAS EM CONTATO COM SOLO
- NÃO ADOPTAR MEDIDAS EM ESCALA
- AS MEDIDAS INDICADAS ESTÃO EM CENTÍMETROS

PARA fck=25MPa  
fy=335MPa  
Ecs=21.800MPa  
Esl=21.800MPa  
Esl=21.800MPa

NOTAS TÉCNICAS:

- CONCRETO fck = 25MPa
- CONFERIR AS MEDIDAS NA OBRA
- LASTRO DE CONCRETO MAGRO NAS PEÇAS EM CONTATO COM SOLO
- NÃO ADOPTAR MEDIDAS EM ESCALA
- AS MEDIDAS INDICADAS ESTÃO EM CENTÍMETROS